

Title (en)
PROCESS FOR PRODUCING CAMPTOTHECIN

Title (de)
VERFAHREN ZUR HERSTELLUNG VON CAMPTOTHECTIN

Title (fr)
PROCEDE DE PRODUCTION DE CAMPTOTHECINE

Publication
EP 1270579 A4 20040707 (EN)

Application
EP 01915660 A 20010321

Priority
• JP 0102216 W 20010321
• JP 2000079385 A 20000322

Abstract (en)
[origin: EP1270579A1] Problem: A large scale production of camptothecin, which is a starting compound of irinotecan hydrochloride and various camptothecin derivatives, at a low cost and with ease. Solution: A process for preparing camptothecin, characterized in that it comprises the following steps (a) and (b); (a) the step to hydrolyze 9-methoxycamptothecin or a natural material containing 9-methoxycamptothecin; (b) the step to convert 9-hydroxycamptothecin obtained in the step (a) into camptothecin by 9-O-perfluoro-lower-alkylsulfonylation or 9-O-phenyltetrazolylolation, followed by hydrogenolysis.

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C07D 491/22

IPC 8 full level
A61K 31/475 (2006.01); **A61P 35/00** (2006.01); **C07D 491/22** (2006.01)

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Citation (search report)
• [Y] WO 9003169 A1 19900405 - RES TRIANGLE INST [US]
• [Y] EP 0321122 A2 19890621 - SMITHKLINE BECKMAN CORP [US]
• See references of WO 0170747A1

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